

Title (en)

ELECTRIC POWER CONVERSION DEVICE AND TEMPERATURE REDUCTION METHOD FOR SAME

Title (de)

STROMWANDLUNGSVORRICHTUNG UND TEMPERATURVERRINGERUNGSVERFAHREN DAFÜR

Title (fr)

DISPOSITIF DE CONVERSION DE PUISSANCE ÉLECTRIQUE ET SON PROCÉDÉ DE RÉDUCTION DE TEMPÉRATURE

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Application

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Priority

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Abstract (en)

In order to achieve the purpose of providing an electric power conversion device that can adapt a temperature reduction method of an electric power conversion device to a user's environment, the present invention provides a temperature reduction method for an electric power conversion device, wherein priority levels are set for implementing fallback control in a plurality of temperature control elements, and if the temperature of the electric power conversion device becomes higher than a temperature-abnormality determination value, fallback control is implemented in the temperature control element having the highest priority level according to the set priority levels, and if the control amount of the temperature control element having the highest priority level reaches a maximum value, while maintaining the control amount of the control element at the maximum value, fallback control is implemented in the temperature control element having the next highest priority level.

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